

Title (en)

Electronically controlled automatic transmission with failsafe pressure regulation.

Title (de)

Elektronisch gesteuertes automatisches Getriebe mit ausfallsicherer Druckregelung.

Title (fr)

Transmission automatique à commande électronique avec régulation de pression à sûreté intégrée.

Publication

EP 0635662 A3 19951025 (EN)

Application

EP 94114583 A 19910815

Priority

- EP 91307544 A 19910815
- US 58361490 A 19900914

Abstract (en)

[origin: EP0476832A2] A control system for an automatic transmission for an automotive vehicle having a torque converter and a combustion engine including a microprocessor that is adapted to establish optimum control pressure levels for fluid pressure operated clutch and brake servos that effect gear ratio changes wherein provision is made for adjusting system pressures to maintain ratio shift quality in accordance with variations in a plurality of control sensor inputs including vehicle deceleration during ratio shifting and changes in the rate of change of converter turbine speed wherein optimum servo pressures are maintained following a ratio shift and during a ratio shift as torque capacity of one servo is reduced in synchronism with a torque capacity increase for a companion servo. <IMAGE>

IPC 1-7

F16H 61/12

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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